

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

#### **CLIP IT FRESH NEW CAR**

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: CLIP IT FRESH NEW CAR

Other means of identification:

UFI: DG21-C03W-S00J-T7HE

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses (Consumer use): Air freshener

Uses advised against: All uses not specified in this section or in section 7.3

# 1.3 Details of the supplier of the safety data sheet:

MB ELIX sp. z oo sp.k. ul. Skarżyńskiego 26 54-530 Wrocław - Poland

Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68

lab@elix.pl www.elixscent.com

**1.4 Emergency telephone number:** 0048 71 387 85 33 (8.00-16.00)

### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1 Classification of the substance or mixture:

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411

Eye Irrit. 2: Eye irritation, Category 2, H319 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

# Warning





#### **Hazard statements:**

H317 - May cause an allergic skin reaction.

# **Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P302+P352: IF ON SKIN: Wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P501: Dispose of contents/container according to the separated collection system used in your municipality.

# Supplementary information:

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, cedryl methyl ketone, 1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthalen-8(5H)-one, *Cistus oil (Labdanum oil)*, isoeugenol.

UFI: DG21-C03W-S00J-T7HE

#### 2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance:

Not relevant

#### 3.2 Mixture:

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# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Chemical description: Mixture composed of chemical products

**Components:** 

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification		Chemical name/Classification	Concentration
100-79-8 202-888-7 Not relevant 01-2120066005-66- XXXX	<b>2,2-dimethyl-1,3-diox</b> Regulation 1272/2008	colan-4-yimethanol(1) Self-classified  Eye Irrit. 2: H319 - Warning  (1)	35 - <40 %
56539-66-3 260-252-4 Not relevant 01-2119976333-33- XXXX	3-methoxy-3-methylb Regulation 1272/2008	Eye Irrit. 2: H319 - Warning  1. Self-classified	25 - <30 %
34590-94-8 252-104-2 Not relevant 01-2119450011-60- XXXX	Dipropylene Glycol Mo Regulation 1272/2008	ethyl Ether <sup>(2)</sup> Not classified	20 - <25 %
54464-57-2 259-174-3 Not relevant 01-2119489989-04	<b>1-(1,2,3,4,5,6,7,8-oct</b> Regulation 1272/2008	ahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one(1) Self-classified  Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	10 - <15 %
32388-55-9 251-020-3 Not relevant 01-2119969651-28-XXXX	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	0,5 - <0,75 %
23787-90-8 245-890-3 Not relevant 01-2120136162-69- XXXX	<b>1,3,4,6,7,8a-hexahyd</b> Regulation 1272/2008	ro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthalen-8(5H)-one(1) Self-classified  Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,25 - <0,5 %
1506-02-1 216-133-4 Not relevant 01-2119539433-40- XXXX	<b>1-(5,6,7,8-tetrahydro</b> Regulation 1272/2008	-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one(1) Self-classified  Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	0,25 - <0,5 %
469-61-4 207-418-4 Not relevant Not relevant	Alpha-cedrene <sup>(1)</sup> Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Skin Irrit. 2: H315 - Danger	0,1 - <0,25
8016-26-0 283-893-1 Not relevant Not relevant	Cistus oil (Labdanum Regulation 1272/2008	oil)(1) Self-classified  Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam.  Liq. 3: H226; Skin Sens. 1: H317 - Danger	0,1 - <0,25
97-54-1 202-590-7 604-094-00-X 01-2120223682-61	Isoeugenol <sup>(1)</sup> Regulation 1272/2008	Self-classified  Acute Tox. 4: H302+H312; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	0,1 - <0,25

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

# Other information:

	Identification	M-factor	
Alpha-cedrene		Acute	10
CAS: 469-61-4	EC: 207-418-4	Chronic	10

Identification	Specific concentration limit
Isoeugenol CAS: 97-54-1 EC: 202-590-7	% (w/w) >=0,01: Skin Sens. 1A - H317

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxici	ty	Genus
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD50 oral	920 mg/kg	Rat
CAS: 1506-02-1	LD50 dermal	Not relevant	
EC: 216-133-4	LC50 inhalation vapour	Not relevant	

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<sup>(2)</sup> Substance with a Union workplace exposure limit



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# **SECTION 4: FIRST AID MEASURES**

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

# **SECTION 5: FIREFIGHTING MEASURES**

### 5.1 Extinguishing media:

### Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

### Unsuitable extinguishing media:

Water jet

# 5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

#### **Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

# 6.1 Personal precautions, protective equipment and emergency procedures:

# For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.



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# SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

# For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

### 6.3 Methods and material for containment and cleaning up:

It is recommended:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

#### 7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 35 °C

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):





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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Dipropylene Glycol Methyl Ether (1)	IOELV (8h)	50 ppm	308 mg/m <sup>3</sup>
CAS: 34590-94-8	IOELV (STEL)		

(1) Skin

# **DNEL (Workers):**

		Short	Short exposure		exposure
Identification		Systemic	Local	Systemic	Local
3-methoxy-3-methylbutan-1-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 56539-66-3	Dermal	Not relevant	Not relevant	6,25 mg/kg	Not relevant
EC: 260-252-4	Inhalation	Not relevant	Not relevant	18 mg/m³	Not relevant
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	308 mg/m <sup>3</sup>	Not relevant
Cedryl methyl ketone	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 32388-55-9	Dermal	Not relevant	Not relevant	0,333 mg/kg	Not relevant
EC: 251-020-3	Inhalation	Not relevant	Not relevant	1,17 mg/m³	Not relevant
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1506-02-1	Dermal	Not relevant	Not relevant	0,61 mg/kg	Not relevant
EC: 216-133-4	Inhalation	0,525 mg/m <sup>3</sup>	Not relevant	0,175 mg/m <sup>3</sup>	Not relevant

# **DNEL (General population):**

		Short	Short exposure		exposure
Identification		Systemic	Local	Systemic	Local
3-methoxy-3-methylbutan-1-ol	Oral	Not relevant	Not relevant	2,5 mg/kg	Not relevant
CAS: 56539-66-3	Dermal	Not relevant	Not relevant	3,1 mg/kg	Not relevant
EC: 260-252-4	Inhalation	Not relevant	Not relevant	4,4 mg/m <sup>3</sup>	Not relevant
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	37,2 mg/m <sup>3</sup>	Not relevant
Cedryl methyl ketone	Oral	Not relevant	Not relevant	0,167 mg/kg	Not relevant
CAS: 32388-55-9	Dermal	Not relevant	Not relevant	0,167 mg/kg	Not relevant
EC: 251-020-3	Inhalation	Not relevant	Not relevant	0,29 mg/m <sup>3</sup>	Not relevant
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2- naphthyl)ethan-1-one	Oral	1,2 mg/kg	Not relevant	0,013 mg/kg	Not relevant
CAS: 1506-02-1	Dermal	Not relevant	Not relevant	0,305 mg/kg	Not relevant
EC: 216-133-4	Inhalation	0,131 mg/m <sup>3</sup>	Not relevant	0,043 mg/m <sup>3</sup>	Not relevant

# PNEC:

Identification				
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	STP	10 mg/L	Fresh water	0,2 mg/L
CAS: 100-79-8	Soil	2,5 mg/kg	Marine water	0,2 mg/L
EC: 202-888-7	Intermittent	0,09 mg/L	Sediment (Fresh water)	1,18316 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,1183 mg/kg
Dipropylene Glycol Methyl Ether	STP	4168 mg/L	Fresh water	19 mg/L
CAS: 34590-94-8	Soil	2,74 mg/kg	Marine water	1,9 mg/L
EC: 252-104-2	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Not relevant	Sediment (Marine water)	7,02 mg/kg
Cedryl methyl ketone	STP	10 mg/L	Fresh water	0,00174 mg/L
CAS: 32388-55-9	Soil	4,87 mg/kg	Marine water	0,000174 mg/L
EC: 251-020-3	Intermittent	0,0086 mg/L	Sediment (Fresh water)	24,4 mg/kg
	Oral	Not relevant	Sediment (Marine water)	2,44 mg/kg



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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	STP	2,2 mg/L	Fresh water	0,0022 mg/L
CAS: 1506-02-1	Soil	0,01 mg/kg	Marine water	0,00022 mg/L
EC: 216-133-4	Intermittent	0,0061 mg/L	Sediment (Fresh water)	1,72 mg/kg
	Oral	0,0011 g/kg	Sediment (Marine water)	0,345 mg/kg

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Latex (natural rubber), Breakthrough time: > 480 min, Thickness: 0.6 mm)	CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

# D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	CATII	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

# E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	CATII	EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

# F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

# **Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.



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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Fluid

Colour:

Blue

Odour:

Pleasant

Odour threshold:

Not relevant \*

**Volatility:** 

Boiling point at atmospheric pressure: 196 °C Vapour pressure at 20 °C: 47 Pa

Vapour pressure at 50 °C: 355,92 Pa (0,36 kPa)

Evaporation rate at 20 °C: Not relevant \*

**Product description:** 

Density at 20 °C: 991,5 kg/m3 Relative density at 20 °C: 0,991 Dynamic viscosity at 20 °C: 4,38 mPa·s Kinematic viscosity at 20 °C: 4,42 mm<sup>2</sup>/s Kinematic viscosity at 40 °C: Not relevant \* Concentration: Not relevant \* pH: Not relevant \* Vapour density at 20 °C: Not relevant \* Partition coefficient n-octanol/water 20 °C: Not relevant \* Solubility in water at 20 °C: Not relevant \* Solubility properties: Not relevant \* Not relevant \* Decomposition temperature: Melting point/freezing point: Not relevant \*

Flammability:

Flash Point: 91 °C

Flammability (solid, gas):

Autoignition temperature:

Lower flammability limit:

Upper flammability limit:

Not relevant \*

Not relevant \*

**Particle characteristics:** 

Median equivalent diameter: Not relevant \*

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:

Oxidising properties:

Not relevant \*

Corrosive to metals:

Heat of combustion:

Aerosols-total percentage (by mass) of flammable

Not relevant \*

Not relevant \*

components:

Other safety characteristics:

Surface tension at 20  $^{\circ}$ C: Not relevant \* \*Not relevant due to the nature of the product, not providing information property of its hazards.



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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Refraction index: Not relevant \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

# SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

# 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

# SECTION 11: TOXICOLOGICAL INFORMATION

# 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
  - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Produces skin inflammation.
  - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  - IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
  - Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### Other information:

Not relevant

### Specific toxicology information on the substances:

Identification	Acu	ite toxicity	Genus
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	LD50 oral	7000 mg/kg	Rat
CAS: 100-79-8	LD50 dermal		
EC: 202-888-7	LC50 inhalation		
Dipropylene Glycol Methyl Ether	LD50 oral	>5000 mg/kg	Rat
CAS: 34590-94-8	LD50 dermal	9510 mg/kg	Rabbit
EC: 252-104-2	LC50 inhalation		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD50 oral	920 mg/kg	Rat
CAS: 1506-02-1	LD50 dermal	7940 mg/kg	Rabbit
EC: 216-133-4	LC50 inhalation		
Isoeugenol	LD50 oral	1500 mg/kg	Rat
CAS: 97-54-1	LD50 dermal	1100 mg/kg	Rat
EC: 202-590-7	LC50 inhalation		

# 11.2 Information on other hazards:

#### **Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

## Other information

Not relevant

# SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available Toxic to aquatic life with long lasting effects.

# 12.1 Toxicity:

### Acute toxicity:



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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
CAS: 34590-94-8	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
EC: 252-104-2	EC50	Not relevant		
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan- 1-one	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 54464-57-2	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 259-174-3	EC50	>1 - 10 mg/L (72 h)		Algae
Cedryl methyl ketone	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 32388-55-9	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 251-020-3	EC50	>0.1 - 1 mg/L (72 h)		Algae
1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a- methanonaphthalen-8(5H)-one	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 23787-90-8	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 245-890-3	EC50	>1 - 10 mg/L (72 h)		Algae
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 1506-02-1	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 216-133-4	EC50	>0.1 - 1 mg/L (72 h)		Algae
Alpha-cedrene	LC50	>0.01 - 0.1 mg/L (96 h)		Fish
CAS: 469-61-4	EC50	>0.01 - 0.1 mg/L (48 h)		Crustacean
EC: 207-418-4	EC50	>0.01 - 0.1 mg/L (72 h)		Algae
Cistus oil (Labdanum oil)	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 8016-26-0	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 283-893-1	EC50	>0.1 - 1 mg/L (72 h)		Algae

# **Chronic toxicity:**

Identification		Concentration	Species	Genus
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	NOEC	Not relevant		
CAS: 100-79-8 EC: 202-888-7	NOEC	10 mg/L	Daphnia magna	Crustacean
Dipropylene Glycol Methyl Ether	NOEC	Not relevant		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean
Alpha-cedrene	NOEC	>0.01 - 0.1 mg/L		Fish
CAS: 469-61-4 EC: 207-418-4	NOEC	>0.01 - 0.1 mg/L		Crustacean

# 12.2 Persistence and degradability:

# **Substance-specific information:**

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether	BOD5	Not relevant	Concentration	Not relevant
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Not relevant	% Biodegradable	73 %

# 12.3 Bioaccumulative potential:

# **Substance-specific information:**

Identification	Bioaco	Bioaccumulation potential		
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	BCF	1		
CAS: 100-79-8	Pow Log			
EC: 202-888-7	Potential	Low		
Dipropylene Glycol Methyl Ether	BCF	1		
CAS: 34590-94-8	Pow Log	-0.06		
EC: 252-104-2	Potential	Low		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	BCF			
CAS: 1506-02-1	Pow Log	5.7		
EC: 216-133-4	Potential			

# 12.4 Mobility in soil:

Not relevant

# 12.5 Results of PBT and vPvB assessment:

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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Product does not meet PBT/vPvB criteria

# 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

# 12.7 Other adverse effects:

Not described

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous

#### Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# SECTION 14: TRANSPORT INFORMATION

# Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

**14.1 UN number or ID number:** UN3082

14.2 UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-

one)

**14.3** Transport hazard class(es): 9

Labels: 9
14.4 Packing group: III
14.5 Environmental hazards: Yes

14.6 Special precautions for user

Special regulations: 274, 335, 375, 601

Tunnel restriction code:

Physico-Chemical properties: see section 9

Limited quantities: 5 L

14.7 Maritime transport in bulk

according to IMO instruments:

Not relevant

# Transport of dangerous goods by sea:

With regard to IMDG 41-22:

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# SECTION 14: TRANSPORT INFORMATION (continued)

**14.1 UN number or ID number:** UN3082

**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-

(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-

one)

14.3 Transport hazard class(es): 9

Labels: 9

14.4 Packing group: III14.5 Marine pollutant: Yes

14.6 Special precautions for user

Special regulations: 335, 969, 274
EmS Codes: F-A, S-F
Physico-Chemical properties: see section 9

Limited quantities: 5 L

Segregation group: Not relevant **14.7 Maritime transport in bulk** Not relevant

14.7 Maritime transport in bulk according to IMO

according to IMO instruments:

# Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



**14.1 UN number or ID number:** UN3082

**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-

(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-

one)

**14.3** Transport hazard class(es): 9

Labels: 9
14.4 Packing group: III
14.5 Environmental hazards: Yes

14.6 Special precautions for user

Physico-Chemical properties: see section 9

7 Maritime transport in bulk according to IMO

instruments:

Not relevant

# SECTION 15: REGULATORY INFORMATION

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:

- —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- -tricks and jokes,
- —games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

# Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

# Other legislation:

The product could be affected by sectorial legislation

### 15.2 Chemical safety assessment:

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# SECTION 15: REGULATORY INFORMATION (continued)

The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION

### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

# Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

# CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Sens. 1A: H317 - May cause an allergic skin reaction. Skin Sens. 1B: H317 - May cause an allergic skin reaction.

# Classification procedure:

Eye Irrit. 2: Calculation method Skin Irrit. 2: Calculation method Skin Sens. 1A: Calculation method Aquatic Chronic 2: Calculation method

### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

# Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

# **Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET 
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